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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/739,450	12/18/2000	Phillip R. Tiongson	POU920000177US1	3478

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EXAMINER

LEWIS, ADAM M

ART UNIT PAPER NUMBER

2174

DATE MAILED: 09/08/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application N .

09/739,450

Applicant(s)

TIONGSON ET AL.

Examiner

Adam M Lewis

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 11 and 13-21 is/are allowed.
- 6) ☒ Claim(s) 1-10 and 12 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Pri ority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

1. Claim 1 is objected to because of the following informalities:

Claim 1: In line 13 the phrase, "second indication in the second scrollable region" should be changed to – second indicator in the second scrollable region –.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 12 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Claim 12 recites the limitation "The computer readable medium according to claim 10" in line 1. There is insufficient antecedent basis for this limitation in the claim. It is assumed, and shall be examined as if the claim should read, "The computer readable medium according to claim 11."

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamada ("Yamada", US# 6,166,733).

As per independent claim 1, Yamada teaches a method for scrolling through at least part of a complete multimedia data set including still images, video, audio, and text, the method comprising:

receiving the size of a complete data set (Yamada, inherent in lines 1-2 of abstract);

displaying a first scrollable region of indicators that represent the complete data set, the first scrollable region having a first marker to indicate a current selection from the complete data set (Yamada, col. 2, lines 12-18);

displaying a second scrollable region of indicators that represents a subset of the complete data set in the first scrollable region, the second scrollable region containing a second marker indicating the current selection from the complete data set (Yamada, Fig. 3; col. 2, lines 33-36; col. 5, lines 58-61);

displaying a third region for displaying a current selection from the complete multimedia data set (Yamada, col. 3, lines 62-65);

and receiving user input to move the second marker between a first indicator and a second indication in the second scrollable region of indicators whereby the current selection in the third region is changed to correspond to a new selection from the complete multimedia data set corresponding to the second indicator (Yamada, col. 5, lines 62-67; col. 6, lines 35-37).

As per claim 2, which is dependent on claim 1, Yamada teaches the step of displaying a second scrollable region includes displaying a second scrollable region formed as a geometric shape selected from the group of geometric shapes consisting of trapezoids, rhombuses, triangles and rectangles (Figs. 3 and 5).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yamada in view of Wang ("Wang", US# 6,028,603).

As per claim 3, which is dependent on claim 1, Yamada teaches the step of displaying a second scrollable region includes displaying a second scrollable region with an edge adjacent to the third region (Yamada, Fig. 3). Yamada does not teach edge comprising a series of thumbnail images corresponding to images included in the complete data set that are represented by the subset of indicators.

Wang teaches a program in which a database is accessed with thumbnails corresponding to each item in the database (Wang, col. 6, lines 66-67; col. 7, lines 1-8). The motivation to combine the thumbnail system of Wang into the keyword system of Yamada would be to generate a picture, still frame of a video, or a miniaturized version of some other data, rather than just text. Since Yamada is capable of generating text

with pictures (Yamada, Fig. 9), it would be obvious to one skilled in the art to generate only a thumbnail of the multimedia in the database.

Allowable Subject Matter

9. Claims 4-10 and 12 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

10. Claims 11, and 13-21 are allowed.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Moran ("Moran", US# 5,717,869) teaches a graphical user interface with visual zooming capabilities similar to that described in the current invention.

Wical ("Wical", US# 6,240,410) teaches a virtual bookshelf that provides a user a way to browse and locate information associated with a plurality of documents.

Tchao ("Tchao", US# 5,745,716) teaches a tab indexing system wherein the selection of a tab initiates scrolling to a portion of a list having an item with a first character that corresponds to at least one of the associated reference characters on the selected tab.

Steele ("Steele", US# 5,884,056) teaches a system and method provided for supporting video browsing.

Boden ("Boden", US# 6,308,161) teaches a visual menu system with visual aids similar to the current invention.

Rosin ("Rosin", US# 6,028,600) teaches a rotary menu wheel interface.

Mullet ("Mullet", US# 5,638,523) teaches a method and apparatus for browsing information in a computer database.

Goldberg ("Goldberg", US# 5,963,203) teaches an interactive video icon with designated viewing position.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adam M. Lewis whose telephone number is (703) 305-0720. The examiner can normally be reached on M-F 7:00 A.M to 4:30 P.M., alternate Fridays.

13. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L Kincaid can be reached on (703) 308-0640. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 000-0000 for regular communications and (703) 000-0000 for After Final communications.

14. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 000-0000.

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August 22, 2003

Kristine Kincaid

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